Transportation and Distribution Information Systems (TDIS) Program Office

PG-10/PM LOG/IT

Mission

Plan, Develop, Coordinate, Implement, and Evaluate Joint Logistics Information Systems to support the Transportation of Supplies and Equipment to the Operational Forces as directed by HQMC Functional Managers.

http://www.marcorsyscom.usmc.mil/sites/Transfdpe/

✓TDIS Applications
(Unit Move)

- ✓ **TC-AIMS II** – Transportation Coordinators' Automated Information for Movement System II **(Awaiting JROC Decision)**
- ✓ **AALPS** – Automated Air Load Planning System
- ✓ **ICODES** – Integrated Computerized Deployment System
- ✓ **MDSS II version 7.1** – MAGTF Deployment Support Systems II **(Managed by Albany, Supported by TDIS)**
- ✓ **SMT** – Shipboard Movement Tracking
  - ✓ AIT/RFID **–** Automatic Identification Technology/Radio Frequency Identification associated with Unit Move Systems**.**

✓TDIS Applications
(Sustainment)

- ✓ **AMS-TAC** – Automated Manifest System - Tactical
- ✓ **CMOS** – Cargo Movement Operations System
  - ✓ AIT/RFID **– Automatic Identification Technology/Radio Frequency Identification associated with TDIS Systems.**

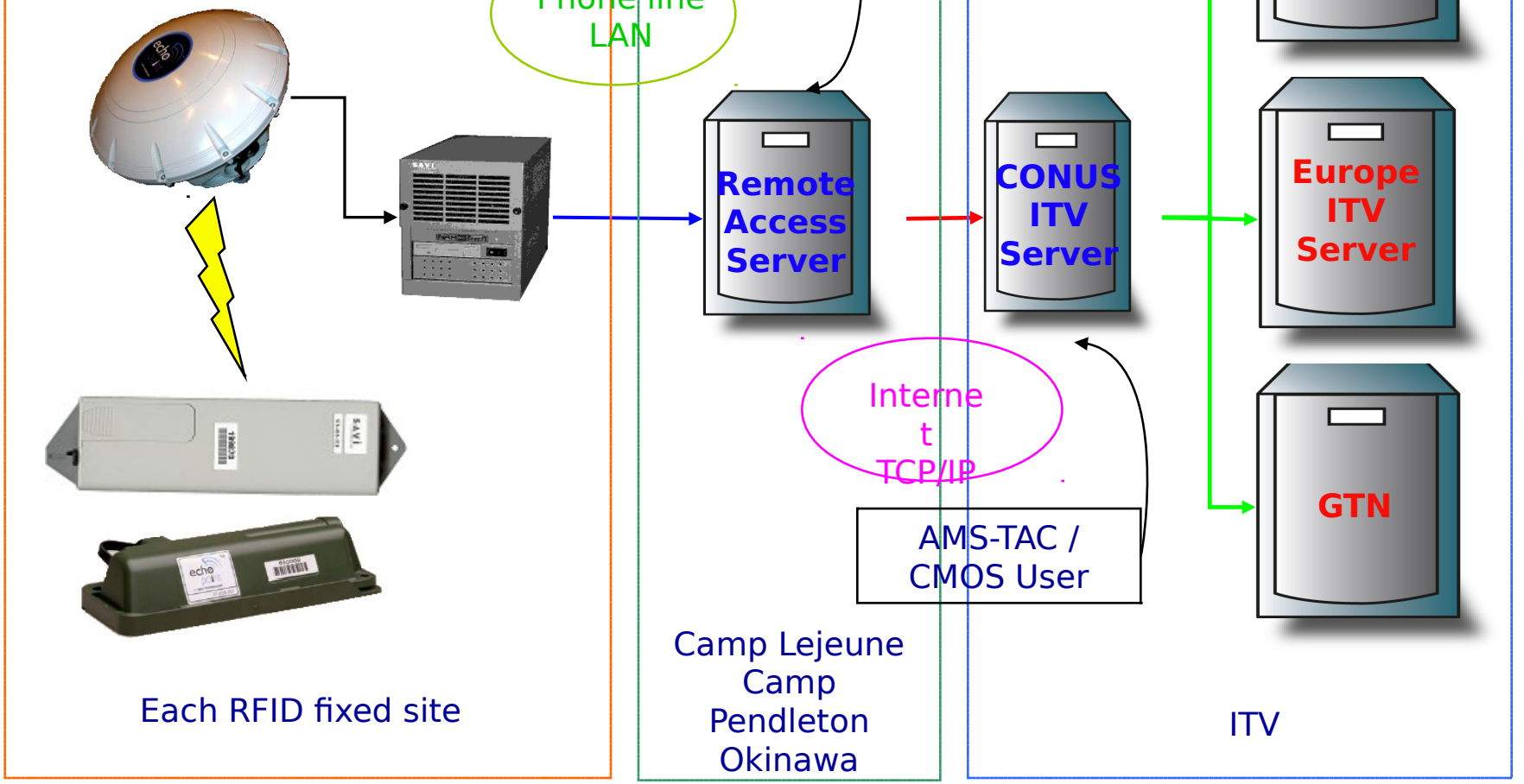
RFID Infrastructure

- PM GCSS/TDIS assumed the role to plan, coordinate and establish the Fixed infrastructure to support In-Transit Visibility (ITV)
  - Unit Move Applications Read/Write RF Tags (MDSS II)
  - Sustainment Applications Read/Write RF Tags (AMS-TAC/CMOS)

- Each Base/Station will have several Fixed Sites. TDIS coordinates:
  - Site Surveys
  - Site Preps
  - Site installs

- Maintenance Contract is in place (SAVI) to provide 24/7 support to monitor, report and repair all fixed sites

RFID INFRASTUCTURE



✓Interrogator

- ✓ Reads/Writes to Active Tags
- ✓ Omni-directional Read/Write Pattern at 433.92MHz
- ✓ Adjustable Range up to 300 feet
- ✓ Communicates with Retriever / Site Manager via RS-485 (Hard Wired Connection Between Interrogator and Retriever)

✓Retriever / Site Manager

- ✓ Receives Data from Interrogator(s)
- ✓ Automatically Forwards Tag Data to an In-Transit Visibility Server
- ✓ Hardened Industrial Computer
- ✓ Windows 2000 Professional
- ✓ Designed for Unattended Operation
- ✓ No Monitor, Keyboard, or Mouse Required

✓Locations

- MCB, Camp Lejeune, NC
  - Main Gate, Piney Green, Sneads Ferry, LMCC, LOT 201, MDC/SMU, TMO, Triangle Gate, Rail Head, Onslow Beach
- MCAS Cherry Point, NC
  - Main Gate, APOE, Back Gate
- MCAS New River, Jacksonville, NC
  - Main Gate, Gate 2
- MCAS Beaufort, SC
  - Main Gate, Airfield, Secondary Gate

✓Locations (Cont)

- ✓ MCLB Barstow
  - ✓Yermo, CA (Barstow)
- ✓ OKINAWA
    - ✓ Camp Kinser, Camp Hanson, Camp Schawb, Camp Butler, Camp Foster, MCAS Futenma, Kadena AFB, Red Beach, White Beach
- ✓ MCAS Iwakuni, Japan
- ✓ Hawaii
    - ✓ MCB Kaneohe, Camp Smith, HI

✓What Gets Tagged?

OSD Policy, RFID Tag Placement Guide, LPV Website

Sustainment – 20’/40’ ISO Containers, Lg Engine Containers, 463L Pallets, Sustainment or Retrograde shipments of DoD cargo being shipped internationally.

Unit Move – All freight Containers and palletized unit move shipments. Principal End Items (PEI): Vehicles, Equipment, Major Repair Components, etc.

Ammo Shipments being shipped internationally

HQMC Developing Tag Placement and Return Guidelines

Local Commanders Option to Tag more than identified..

System Modification's Process

- **Identify Requirements (Write Up) FRB**
- **Contractor writes up estimate**
- **Prepare Contract**
- **GAT**
- **NMCI Approval/Certification**
  - Request for Service (RFS) Test 60 days min (Funds)
  - Department (DON) Application Data Management System (DADMS)
  - Request to Deploy (RTD)
  - Release Deployment Plan (RDP)
  - Op Test Application to Machine (ATM)
- **Request Authority to Operate (ATO), or IATO**
- **Coordinate Install and Training**

Questions ?

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Thank You !